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Application No. 10/688,338
Amendment D

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Amendments To The Claims:

Claim 1 (original): A method for use in generating a television channel map, comprising:

- selecting a first input of a plurality of inputs;
- selecting a first single modulation scheme of a plurality modulation schemes on the first input;
- tuning a plurality of channels for the identified single modulation scheme;
- determining if a broadcast is received on each of the channels;
- recording channels that are determined to receive broadcasts in a channel map according to the plurality of tuned channels for the identified single modulation scheme; and
- not performing a full auto-program.

Claim 2 (original): The method of claim 1, wherein the not performing the full auto-program includes terminating an auto-program after evaluating only the first modulation scheme without completing an auto-program for any other modulation scheme.

Claim 3 (original): The method of claim 2, further comprising:

- determining if the channel map includes an assignment for a first tuned channel;
- identifying a channel name associated with the first tuned channel; and
- replacing the assignment with the first tuned channel and recording the channel and the channel name in the channel map.

Claim 4 (original): The method of claim 1, further comprising:

- scanning a signal modulated by the first modulation scheme;
- identifying channels carrying broadcast information;
- comparing previously defined channel assignments of the channel map with the identified channels during the scanning; and

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initiating the tuning, the determining and the recording when a difference is detected during the comparing the channel assignments.

Claim 5 (original): The method of claim 1, further comprising:
scanning a signal of the single modulation scheme;
comparing channel assignments of the channel map with identified channels during the scanning; and
initiating the tuning and the recording for the single modulation scheme when a difference is detected during the comparing the channel assignments.

Claim 6 (original): The method of claim 5, further comprising:
identifying a broadcaster associated with at least a first channel of the identified channels, and wherein the comparing comprises comparing the broadcaster of the first channel with the channel assignments of the channel map; and
initiating the tuning and the recording for the single modulation scheme when a difference is detected with the identified broadcaster.

Claim 7 (original): The method of claim 1, further comprising:
identifying channels not assigned in the channel map associated with the modulation scheme;
scanning a signal of the single modulation scheme for a first channel of the identified channels not assigned in the channel map;
determining if a first broadcast is received over the first channel; and
initiating the tuning and the recording for the single modulation scheme when the first broadcast is received over the first channel.

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Claim 8 (original): The method of claim 7, further comprising:
determining if any broadcast is received on each of the identified channels not
assigned in the channel map; and
initiating the tuning and the recording for the channels not detected.

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